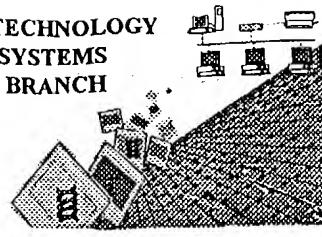


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/752,957E
Source: IFW/J6
Date Processed by STIC: 10/4/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box-1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFW16

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/752,957E

DATE: 10/04/2004
 TIME: 11:22:26

Input Set : A:\pto.lm.txt
 Output Set: N:\CRF4\10042004\I752957E.raw

3 <110> APPLICANT: Shiuan, David
 5 <120> TITLE OF INVENTION: Yeast with High Biotin-Productivity and the Preparation

Method

**Does Not Comply
 Corrected Diskette Needed**

P.2

6	Thereof	
8	<130> FILE REFERENCE: 251410-1010	
10	<140> CURRENT APPLICATION NUMBER: 09/752,957E	
11	<141> CURRENT FILING DATE: 2001-01-02	
13	<150> PRIOR APPLICATION NUMBER: TW 89120972	
14	<151> PRIOR FILING DATE: 2000-10-07	
16	<160> NUMBER OF SEQ ID NOS: 5	
18	<170> SOFTWARE: PatentIn version 3.3	
20	<210> SEQ ID NO: 1	60
21	<211> LENGTH: 1188	120
22	<212> TYPE: DNA	180
23	<213> ORGANISM: Candida utilis	240
25	<400> SEQUENCE: 1	300
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28	tctaggccta ctctggcaac aggtgcata gctgctgcgg agatcttggaa agatgtttc	420
30	acggAACAAA tggaagaagt ggctcacag gagaagaagc caaacccatt ggaatatgca	480
32	ttgtcagtga agacaccagt caacacctgg accaaagaag aaattaaagc tatatatgac	540
34	acaccactca tggacttgat gcactatgct caggtgcaac acagaagggtt ccaacaacct	600
36	tcagagggttc aattgtgcac tcttatgaat atcaaactg gtgggtgtac cgaggactgt	660
38	aagtactgtg cccaatcaca gcgttacaac actgggtgtca aggctgaaag aatcatccaa	720
40	gttcatgagg tgattgaagc tgcaaggag gcaaaggcca atggatctac aagggtctgt	780
42	atgggtgtc tttggagaga gatgaaaggat agaaaagtcaa acttgaagaa aatcaaagag	840
44	atgatcactg ctgtccatga ctttggaaatg gagagttgtc tcaccctggg aatgggttgat	900
46	aaagaccaag ccactgaatt gaaaagtgc ggttgacgg cgtacaacca taacattgat	960
48	acttacaagg aacactatcc aaagggtgatc tccacaagaa gctttgatga tagattgaaa	1020
50	acattcaaaa acgttcaagg atctggatta aaggcatgca caggtggat tcttggtctt	1080
52	ggtagaccc aaggaggaccc tttatcttcc ctctacaccc ttggccacaat ggatcagcat	1140
54	ccagagtctc ttccaatcaa cagactggc ccaatcaagg gcacgccaat gtatgaagaa	1188
56	gttaagaaca agcaaggatgatgag attgtcatgaa ccattgtac tgcaagatgg	
58	gtcatgccaa cgtcttattat cagattggct gcaggaagat atacaatgaa agaggcagaa	
60	caggtgatgt gcttcattggc tgggttaat gcatcttca caggtaaagaa aatgctcaca	
62	acaatgtgt a cggctggg tgaggataaa gccatgttgg ctaaatgggg tctgaaacca	
64	atggagagtt tcaataataccaa accaaggggag gtgcattcg gtgcttga	
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68	<211> LENGTH: 30	
69	<212> TYPE: DNA	
70	<213> ORGANISM: artificial sequence	
72	<220> FEATURE:	
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75	<400> SEQUENCE: 2	
76	gaaagtgcac tcaagatctg tcgtacttaa	30

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/752,957E

DATE: 10/04/2004

TIME: 11:22:26

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10042004\I752957E.raw

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 82 <213> ORGANISM: artificial sequence
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 91 <210> SEQ ID NO: 4
 92 <211> LENGTH: 23
 93 <212> TYPE: DNA
 94 <213> ORGANISM: artificial sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: primer sequence
 100 <220> FEATURE:
 101 <221> NAME/KEY: misc_feature
 102 <222> LOCATION: (4)..(4)
 103 <223> OTHER INFORMATION: n is a, c, g, or t
 105 <220> FEATURE:
 106 <221> NAME/KEY: misc_feature
 107 <222> LOCATION: (6)..(6)
 108 <223> OTHER INFORMATION: n is a, c, g, or t
 110 <220> FEATURE:
 111 <221> NAME/KEY: misc_feature
 112 <222> LOCATION: (9)..(9)
 113 <223> OTHER INFORMATION: R is A or G
 115 <220> FEATURE:
 116 <221> NAME/KEY: misc_feature
 117 <222> LOCATION: (10)..(10) "g" is at location 10
 118 <223> OTHER INFORMATION: Y is T or C
 120 <220> FEATURE:
 121 <221> NAME/KEY: misc_feature
 122 <222> LOCATION: (12)..(12)
 123 <223> OTHER INFORMATION: Y is T or C
 125 <220> FEATURE:
 126 <221> NAME/KEY: misc_feature
 127 <222> LOCATION: (18)..(18)
 128 <223> OTHER INFORMATION: n is a, c, g, or t
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 134 <210> SEQ ID NO: 5
 135 <211> LENGTH: 20
 136 <212> TYPE: DNA
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 139 <220> FEATURE:
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 143 <220> FEATURE:
 144 <221> NAME/KEY: misc_feature
 145 <222> LOCATION: (3)..(3)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/752,957E

DATE: 10/04/2004
TIME: 11:22:26

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\10042004\I752957E.raw

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<220> FEATURE:
<221> NAME/KEY: misc_feature
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<221> NAME/KEY: misc_feature
<222> LOCATION: (8)..(8)
<223> OTHER INFORMATION: n is a, c, g, or t
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<221> NAME/KEY: misc_feature
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<223> OTHER INFORMATION: R is A or G'
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<400> SEQUENCE: 5
gtrtcnanrt trtggttata

20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/752,957E

DATE: 10/04/2004
TIME: 11:22:27

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\10042004\I752957E.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the sequence Listing to ensure that a corresponding explanation is presented in the <220> o <223> fields of each sequence which presents at least one n or Xaa.

eq#:4; N Pos. 4/6,18
eq#:5; N Pos. 6,8

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/752,957E

DATE: 10/04/2004

TIME: 11:22:27

Input Set : A:\pto.lm.txt

Output Set: N:\CRF4\10042004\I752957E.raw

L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0